

ABSTRACT OF THE DISCLOSURE

In a non-aqueous electrolyte secondary battery comprising: a negative electrode containing, as a negative electrode active material, at least a material capable of absorbing and desorbing lithium ions or metal lithium; a positive electrode; and an electrolyte, an oxide containing nickel and manganese elements, the material comprising primary particles of the oxide having a twining portion and a superlattice arrangement of a  $[\sqrt{3} \times \sqrt{3}] R30^\circ$  when assigned as R3-m is used as a positive electrode active material.